



# ZWMD008008

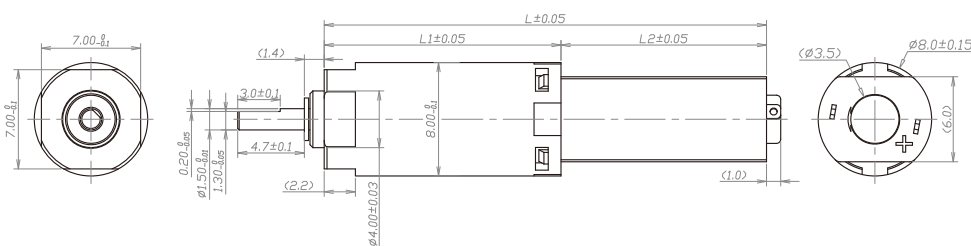
## 齿轮箱规格 Gearbox specifications

外径	Outer diameter	8mm	轴承	Bearing	烧结轴承 Porous Bearing	滚动轴承 Rolling bearing
材质	Material	五金 Metal	轴向窜动	Axial endplay	≤0.3mm	≤0.2mm
旋转方向	Direction of rotation	cc & ccw	输出轴径向负载	Radial loading on output shaft	≤0.8N	≤5N
齿轮箱回程差	Gear backlash	≤3°	工作温度	Operating temperature range	-20 ~ +85°C	

## 齿轮级数 Gearbox stages

		1	2	3	4
传动比	Transmission ratio	4 / 5	13 / 19 / 28	47 / 69 / 102 / 152	168 / 249 / 368 / 546 / 809
最大容许扭矩 ( gf.cm max )	Max rated torque of gear box	250	400	600	750
瞬间容许力矩 ( gf.cm max )	Instant torque of gear box	500	800	1200	1500
齿轮箱效率	Gearbox efficiency	85	73	62	55
长度	Length	11.6	14.3	17	19.7

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## 马达规格参数 Motor specifications

马达(可选择) Motors(Optional)	直流有刷电机、直流无刷电机、步进电机 DC brush motor, DC brushless motor, Stepper motor	输入速度 Input speed	≤3000rpm
电压(可选择) Voltage(Optional)	3-12V	电流 Current	150MA max

型号 Model	Rated Speed 额定转速	Max Speed 最高转速	Max Rated Torque 额定容许力矩	Max Instant Torque 瞬间容许力矩	Gear Ratio 减速比	Length 减速箱长 L1	Overall Length 总长 L
	rpm	rpm	gf.cm	gf.cm		mm	mm
ZWMD008008-4	2083	8333	250	500	3.6	11.6	26.1
ZWMD008008-5	1406	5625	250	500	5.3		
ZWMD008008-13	579	2315	400	800	13.0	14.3	28.8
ZWMD008008-19	391	1563	400	800	19.2		
ZWMD008008-28	264	1055	400	800	28.4		
ZWMD008008-47	161	643	600	1200	46.7	17	31.5
ZWMD008008-69	109	434	600	1200	69.1		
ZWMD008008-102	73	293	600	1200	102.4		
ZWMD008008-152	49	198	600	1200	151.7		
ZWMD008008-168	45	179	750	1500	168.0	19.7	34.2
ZWMD008008-249	30	121	750	1500	248.8		
ZWMD008008-369	20	81	750	1500	368.6		
ZWMD008008-546	14	55	750	1500	546.1		
ZWMD008008-809	9	37	750	1500	809.1		